

ELECTRONIC ICE BAG

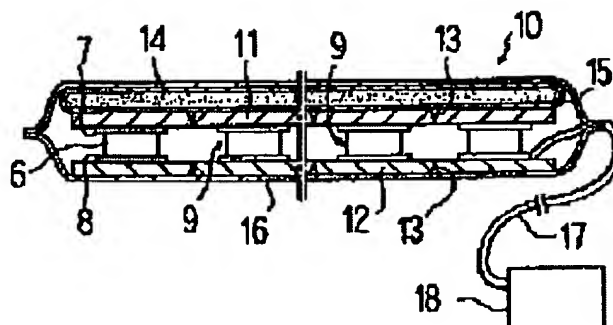
Patent number: JP10258080
Publication date: 1998-09-29
Inventor: HORIBA TAKESHI
Applicant: SANYO MACHINE WORKS
Classification:
- international: A61F7/10; F25B21/02
- european: A61F7/10
Application number: JP19970068359 19970321
Priority number(s): JP19970068359 19970321

Report a data error here

Abstract of JP10258080

PROBLEM TO BE SOLVED: To provide a novel electronic ice bag which is a substitution for a cold reserving device for an ice bag, a gelatinous cold reserving agent or the like.

SOLUTION: In this electronic ice bag, a plurality of Peltier element modules 9 which are electrically connected in series and in parallel are aligned in vertically and horizontally to be arranged on a plane. The Peltier element modules 9 are sandwiched by highly heat conductive metal plates 11 and 12 from the heat radiating side and the heat absorbing side, a bagshaped heat radiator 15 filled with a highly heat conductive medium 14 is joined on the outside of a metal plate 8 on the heat radiating side and the Peltier element modules 9, metal plates 11 and 12 and the heat radiator 15 are covered with an armor cover 16. A controller 18 is connected and controls temperature by driving the Peltier element modules 9 with a power source cable 17 led out of the armor cover 16.



Data supplied from the esp@cenet database - Worldwide